Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Sunday 10 Dec 2023 until 23:59 on Monday 11 Dec 2023

Forecast Issued on Saturday 09 Dec 2023 at 12:49

Confidence: High for occasionally unsettled, lowering confidence in the detail of worst of the weather.

Headline for Sunday 10 Dec 2023: Rain for much of the day. Summit winds fresh to strong by day.

Mountain weather hazards on Sunday 10 Dec 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Cloudy	Partly cloudy (night)	Light rain	Heavy Rain	Light rain	Light rain showers (night)	Heavy Rain
Precipitation probability							
80%	30%	20%	70%	90%	70%	40%	80%

Forecast for Sunday 10 Dec 2023

Weather: Best chance of seeing limited drier and brighter conditions early morning on another wise cloudy day of rain which turns heavy at times, particularly around mid-day and again late evening.

Chance of cloud-free hill tops above 600m: 60% early morning, otherwise 20%

Low cloud and visibility: Good, becoming moderate or poor in rain, very poor within cloud with bases generally extensive from 500m from mid-morning.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Sunday 10 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	39/52 W	34/46 W	23/32 W	15/21 SW	19/26 S	23/33 SW	24/36 SW	22/33 SW	26/38 SW
300	31/45 W	26/38 W	17/26 W	10/16 S	15/23 SE	17/27 SW	17/28 SW	16/27 SW	20/32 SW
Valley	21/43 W	17/36 W	11/24 W	6/17 S	9/20 SE	12/26 SW	10/24 SW	10/24 SW	13/28 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-4	4/-3	3/-4	3/-2	3/-2	5/-0	4/-1	4/-1	4/-2
300	6/0	6/1	5/0	5/2	6/2	8/4	7/3	6/2	7/2
Valley	7/2	7/3	5/2	5/2	6/3	8/5	6/4	7/4	7/4
Freezing Level*	1200m	1100m	1000m	1200m	1500m	1400m	1300m	1300m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Difficult conditions for much of the day with hill fog quite extensive from late morning, coupled with severe wind chill at height.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 09 Dec 2023	18.4mm	30.2mm	35mm

Forecast for Monday 11 Dec 2023

Weather: Brighter spells and only a few light showers by day, but chance of some rain for a time early morning also moving into the evening, with some heavier outbreaks developing into the night.

Maximum wind: West 20mph easing variable 15mph or less from late morning

Chance of cloud-free hill tops above 600m: 85% by day

Low cloud and visibility: Generally good, becoming moderate or poor in rain or showers, very poor within cloud infrequently lowering to 600m.

Temperature: **Valleys:** Zero Celsius increasing 10 Celsius for the afternoon
At 600m: Plus 3 Celsius
Freezing level: Above summits

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